

And, while it is believed that the presently pending claims satisfy the requirements of 112, the claims have been amended to address several of the objections raised by the Examiner with the exception that the term "substantially all" employed in claim 23 has been retained, without change. Pursuant to 37 CFR 1.121, a marked copy of the claims showing the changes made therein, accompanies this amendment.

It is submitted that terms such as "substantially", and similar terms such as "about", "effective amount" and "essentially" have all been held to be acceptable claim language. *Ex parte Eastwood*, 163 U.S.P.Q. 316 (Bd. App. 1968). *W.L. Gore and Associates, Inc. V. Garlock, Inc.*, 721 F.2d 1540, 220 U.S.P.Q. 303 (Fed. Cir. 1983, *In re Halleck*, 422 F.2d 911, 164 U.S.P.Q. 647 (CCPA 1970), *Andrew Corp. V. Gabriel Electronics*, 847 F.2d 819, 6 U.S.P.Q.2d 2010 (Fed. Cir. 1988), *In re Marosi*, 710 F.2d 799, 218 U.S.P.Q. (CCPA 1983). If the claims, read in the light of the specifications, reasonably apprise those skilled in the art both of the utilization and scope of the invention, and if the language is as precise as the subject matter permits, the Courts can demand no more. That an area of uncertainty necessarily exists in such a situation cannot be denied, but the existence of an inescapable area of uncertainty is not sufficient justification for denying to the patentee the fruits of his invention. *Georgia-Pacific Corp. v. United States Plywood Corp.*, 258 F.2d 124, 136, 118 U.S.P.Q. (BNA) 122, 132 (2d Cir.), *cert. denied*, 358 U.S. 884, 79 S. Ct. 124, 3 L. Ed. 2d 112, 119 U.S.P.Q. (BNA) 501 (1958).

Accordingly, it is submitted the claims meet the requirements of 35 USC 112.

With regard to cipher 5 of the Action, the basis for the amendments to claims 1 and 48 are found in the original drawings, Figs. 1-7, and the specification beginning at page 5. In particular, forming an aerosol of particles in a first region is shown in Fig. 4 as "aerosol generator 17" (page 17, line 11). Page 17 then describes how the aerosol is carried through

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channel 19 and 23 to the second region where a charging device 31 charges the powder (page 17, lines 11-13). The first electrode comprises cipher 5 (Figs. 1 and 2), cipher 31 (Fig. 4), mesh screen 39 (Fig. 5) and winding 47 (Figs. 6 and 7), and the second electrode positioned underlying and in contact with the dielectric substrate is shown as cipher 3 (Figs. 1-3) or cipher 25 (Figs. 4-7).

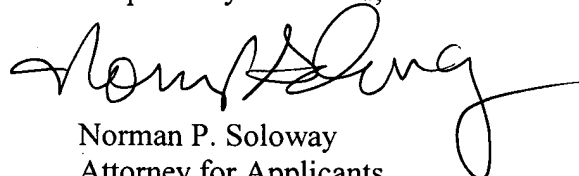
Support for claim 25, as amended, is found in original specification at page 7, lines 6-10.

Having dealt with all of the objections raised by the Examiner, the application is believed to be in order for allowance.

A Supplemental Prior Art Disclosure Statement accompanies this amendment.

In the event there are any fee deficiencies or additional fees are payable, please charge them (or credit any overpayment) to our deposit account number 08-1391.

Respectfully submitted,



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CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: Assistant Commissioner of Patents, Washington, D.C. 20231 on August 14, 2001, at Tucson, Arizona.

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MARKED COPY OF AMENDED CLAIMS

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MARKED CLAIMS SHOWING CHANGES MADE:

16. (Amended) The method according to claim 16, wherein the duty cycle of said alternating field is [substantialy] different than 50%.

23. (Amended) The method according to claim 1, wherein the gas of said aerosol [is predetermined] is selected from the group consisting of air, nitrogen, and nitrogen/carbon dioxide mixtures.

29. (Amended) The method according to claim 1, wherein said dielectric substrate comprises a carrier for carrying said deposit from said deposition zone to [another] a location remote from said deposition zone for further processing.

35. (Amended) The method according to claim 22, wherein the mass of said deposit is controlled by integrating the mass of said aerosol particles over [a period of] time.

36. (Amended) The method according to claim 35, where said time is determined by the measured mass of said aerosol particles.

37. (Amended) The method according to claim 22, wherein multiple deposits are made using multiple deposition zones supplied from a single aerosol source by multiplexing the application of the alternating deposition field between the deposition zones.

59. (Thrice Amended) The method according to claim 1, wherein said electrically charging means includes a charge source comprising a solid dielectric member, a first electrode in contact with one side of said solid dielectric member, a second electrode in contact with an opposite side of said dielectric member, with an edge surface of said second electrode disposed opposite said first electrode to define an air region at the junction of said edge surface and said solid dielectric member, and means for applying an alternating potential between said first and second electrodes [of sufficient magnitude] to induce ion producing electrical discharges in the air region between the dielectric member and the edge surface of said second electrode.